



THIRUVALLUVAR UNIVERSITY
SERKKADU, VELLORE – 632 115

Vision- Liberation of knowledge to develop the students in consonance with the saying of the sage Thiruvalluvar “Lead them to lead” and employment of our youth leading to a social transformation are our vision. In this direction, we organize our students to render their selfless service for the development of our country and people.



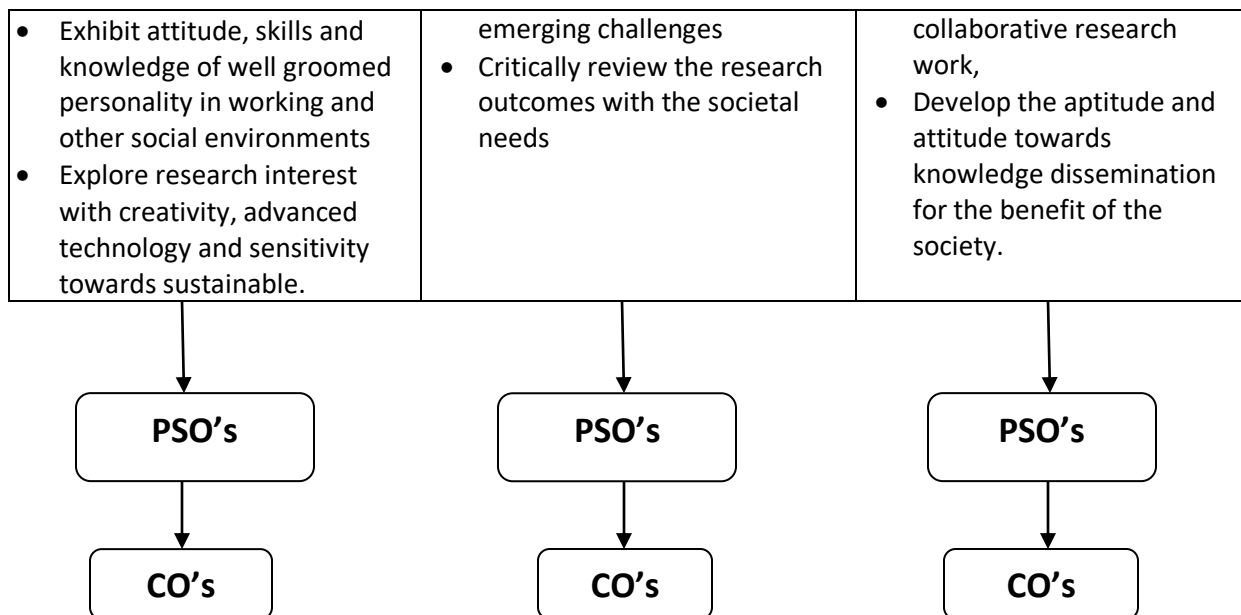
Mission

- To provide quality Higher Education, by Teaching, Research & Extension.
- To provide quality education to the rural marginalized, down trodden strata of the society.
- To encourage a stimulating environment and reciprocal growth.
- To foster integrated Development and make the people conscious of their commitment to the Society.
- To train the students to meet the global challenges
- To provide wide opportunities to women in order to prepare them to be effective leaders.



Programme Outcomes

PG	M.Phil.,	Ph.D.,
<ul style="list-style-type: none"> • Gain inter-disciplinary, Multi-disciplinary and professional competence as value additions. • Comprehend advanced knowledge in the core and specialization subjects with relevant practical inputs • Establish professional responsibility through Mini Project, Summer Internship, major Project, Field Trip/ Industrial Visit and Mentorship Programmes. 	<ul style="list-style-type: none"> • Develop theoretical knowledge and ethical issues in research perspectives. • Ability to identify, formulate and design a research problem and apply appropriate tools and techniques to • conduct original research • To communicate professionally and interact with all stakeholders. • Contribute knowledge in the process of finding solutions to 	<ul style="list-style-type: none"> • Design, develop and conduct original research and funded projects with • Competence and independence • Demonstrate oral presentation and scientific writing skills • Understand research ethics and ensure supreme quality of honesty and integrity in research and academics • Promote international



CORE VALUES:

The Thiruvalluvar University is guided by its Core Values in delivering its Mission and pursuing its Vision.

The Core Values of the University are:

- **Excellence**, in teaching, learning, research and service.
- **Innovation**, through new research directions, program and partnership Creativity, in exploring new ways to add to the body of knowledge.
- **Collaborative learning**, by sharing knowledge across traditional boundaries.
- **Entrepreneurship**, through emphasis on collaborative and interdisciplinary study.
- **Ethical Conduct**, through instilling a value based learning system for students.
- **Social Responsibility**, dedicated to serving individuals, society and nation through outreach and community engagement.



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Attainment of Course Outcomes

Tools Used

The tools used to assess course outcomes are categorized into two methods:

- (i) Direct method
- (ii) Indirect method

Direct method

In the direct method, Continuous Internal Assessment (CIA) marks and Comprehensive Examination (CE) marks are considered to measure the attainment of COs. The CIA marks includes the marks of two CIA tests and two assignments for UG program and marks of two CIA tests, two assignments and a seminar for PG program. The appropriate assessment tools are selected by the faculty member to evaluate the COs of the course.

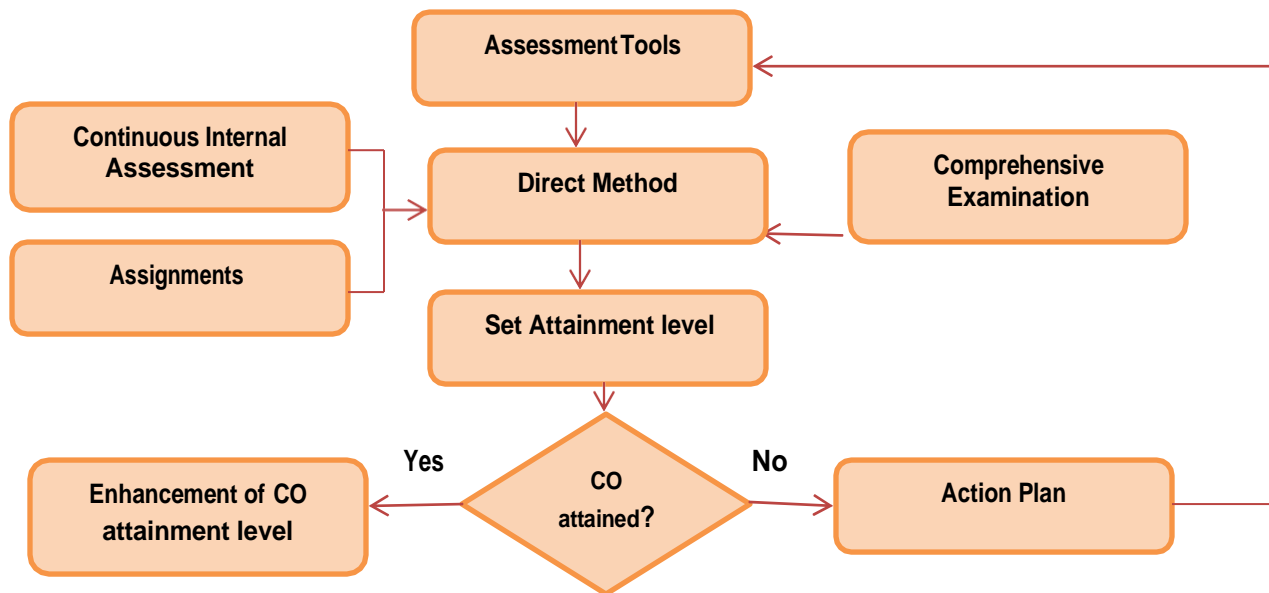
The CE marks are considered to determine the attainment level of the CO. To measure the attainment level of the CO, 75% weightage is given to CE marks and 25% weightage is given to CIA marks.

Assessment tools for CO attainment are:

- Tests
- Assignments/Tutorials
- Seminars
- Project presentation & Viva-Voce
- CE (University Examinations)

The attainment of CO is verified by setting the target level. The target level is set based on the average performance of the students. If the target is achieved, then the COs are attained. If the target is not achieved, action plans are recommended to achieve the target.

Assessment Process of Evaluation of Course Outcome



The process of evaluation of CO for the courses is as given in the table below

S.No	Assessment Tools	Process
1.	CIA Test for theory course	The Continuous Internal Assessment marks for a theory course are based on two tests generally conducted in a semester. The tests are scheduled by the Controller of Examinations (CoE). After every internal assessment tests, solution of the questions are discussed in the class which will enable the students to perform well in the final examination. A retest may be conducted for the absentees of CIA I for genuine reasons, as scheduled by the CoE to give an opportunity to improve their Internal marks.
2.	CIA Test for practical course	The Continuous Internal Assessment marks for a practical course are based on two practical tests.
3.	Assignment for theory course	Two assignments on course related topics are given to the students and evaluated.

4.	Assignment for laboratory course	Laboratory Assignment can be one of the measuring criteria to mainly assess student's practical knowledge. The marks are based on the laboratory observations.
5.	Comprehensive Examination (CE) for theory course	CE is the metric to assess whether all the Course Outcomes are attained for both theory and practical course. CE is more focused on attainment of course outcomes and uses a descriptive examination for theory course and practical examination for laboratory course.
6.	CE for Laboratory course	
7.	CIA for Project	The internal marks for project are based on the reviews conducted during the final semester of the course. Each reviews contributes marks for the total internal evaluation. The scope of the project, presentation skills, implementation method and reporting are considered for the evaluation of the team as well as individual students.
8.	CE for Project (Viva-Voce)	Viva-voce examination of project work is conducted batch-wise by an internal examiner and an external examiner chosen by the Vice Chancellor. The evaluation is based on presentation, demonstration and reports of the project work.
9.	Mini projects	Mini projects are assigned to explore and strengthen the understanding of fundamentals through practical application and shall help the students to boost their skills

Indirect Method

It is done by collecting a feedback survey from the stakeholders on learning aspects of the students. They provide information about the graduate's knowledge or skills which helps to access the attainment of the program outcomes through the Course Exit Survey, Graduate Exit Survey, Alumni Survey and Employer Survey.

The tools considered for Indirect Assessment method are given in the table below

Indirect Assessment Tools		
S.No.	Tools	Assessment Process
1.	Course Exit Survey	At the end of every semester, students give feedback for the course taught to them.
2.	Graduate Exit Survey	Collect information about program satisfaction from outgoing students
3.	Alumni Survey	During alumni visits to the campus/Alumni Meeting/ through e-Communication
4.	Employer Survey	Collect information about the employees skills, capabilities and opportunities

Attainment of a CO in a course is set as = 50% from Continuous Internal Assessment (Inclusive of assignments) + 50% from semester end Comprehensive Examinations

Measuring CO attainment

- **Setting target level for I year courses**
 - ✓ Target level 1: Less than 50% of students scoring more than set target level of marks in the final examination is considered to be attainment of “1”.
 - ✓ Target level 2: Between 50-59% of students scoring more than set target level of marks in the final examination is considered to be attainment of “2”.
 - ✓ Target level 3: Greater than or equal to 60% of students scoring more than set target level of marks in the final examination is considered to be attainment of “3”.

- **Setting target level for II year courses**
 - ✓ Target level 1: Less than 50% of students scoring more than set target level of marks in the final examination is considered to be attainment of “1”.
 - ✓ Target level 2: Between 50-69% of students scoring more than set target level of marks in the final examination is considered to be attainment of “2”.
 - ✓ Target level 3: Greater than or equal to **70%** of students scoring more than set target level of marks in the final examination is considered to be attainment of “3”.

Attainment is measured in terms of actual percentage of students getting set percentage of marks. If targets are achieved, then the entire COs are attained and if targets are not achieved necessary actions are planned for further improvement.

Attainment of Program Outcomes and Program Specific Outcomes

All the COs are mapped with the POs and PSOs and correlation levels are entered in CO-PO/ CO-PSO matrix to obtain PO attainment values. The direct attainment of POs is the average of individual PO attainment values. The average scores of the feedback obtained from various stakeholders are considered to evaluate indirect attainment level of overall PO.

The PO attainment is obtained by,

- Direct attainment
- Indirect attainment

Direct attainment is determined by taking average across all courses addressing that PO. Indirect attainment is determined based on the student exit survey, course exit survey, alumni survey, parent's survey and employer survey.

Process of PO and PSO attainment

